

Lockdown 3.0 Study Plan

Day 12



1. Which of the following gas does not contribute to greenhouse effect?

- A. Water Vapour
- B. Carbon Dioxide
- C. Carbon Monoxide
- D. Argon

Ans. D

2. Which micro organism in bread converts sugars into carbon dioxide and ethanol?

- A. Yeast
- B. Buffering Agent
- C. Fungi
- D. Algae

Ans. A

3. Which compound act as natural insecticide in garlic?

- A. ADH
- B. Benzyl Acetate
- C. Aspirin
- D. Allicin

Ans. D

4. Which of following is function of an antipyretic drug?

- A. which reduces depressive symptoms
- B. which reduces fever
- C. which stops bacterial infections
- D. which stops allergy

Ans. B

5. The Primary Deficit in an economy will be equal to which of the following?

- A. Revenue expenditure – Revenue receipts except Revenue used for capital
- B. Net borrowing at home + Borrowing from RBI + Borrowing from abroad
- C. Revenue expenditure – Revenue receipts
- D. Gross fiscal deficit – net interest liabilities

Ans. D

6. _____ is a new Liquidity Adjustment facility created by RBI in 2011, whose rate of interest is 1% higher than Repo Rate.

- A. Statutory Liquidity Ratio
- B. Capital to Risk Weighted Assets Ratio
- C. Marginal Standing Facility
- D. Bank Rate

Ans. C

7. Who gave the first atomic theory?

- A. James Dalton
- B. JJ Thomson
- C. Henry Plank
- D. Rutherford

Ans. A

8. Radiations used by Rutherford in his experiment were?

- A. X Rays
- B. Alpha
- C. Beta
- D. Gamma

Ans. B

9. Boron, Germanium, Arsenic, Antimony etc. elements are known as_____.

- A. Metals
- B. Mixed Metals
- C. Non Metals
- D. Metalloids

Ans. D

10. Which Agreement signed by India in 2008, which was also known as 123 Agreement?

- A. India – France Solar Alliance
- B. India – US Nuclear Deal
- C. India-Russia Weapon Procurement Agreement
- D. India-EU Free Trade Deal

Ans. B

11. In the following question, each sentence has four parts marked P, Q, R and S. Choose the part of sentence with the error and mark as your answer. If there is no error, mark 'No error (S)' as your answer.

King penguins (P)/ are active throughout (Q)/ the long summer days. (R)/ No error (S)

- A. P
- B. Q
- C. R
- D. S

Ans. D

12. **In the sentence, identify the segment which contains the grammatical error.**



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Suresh has never encouraged nor condoned violence.

- A. Suresh has
- B. never
- C. encouraged nor
- D. condoned violence

Ans. B

13. Choose the best synonym of the given word from the options given below.

DISSEMINATE

- A. Collect
- B. Conceal
- C. Hide
- D. Disperse

Ans. D

14. Complete the sentence with the most appropriate word.

I always arrive to class twenty minutes so that I have time to prepare.

- A. Late
- B. Early
- C. Later
- D. Behind time

Ans. B

15. Complete the sentence with the most appropriate word.

Students are not expected to leave without _____.

- A. Tolerance
- B. Indulgence
- C. Permission
- D. Freedom

Ans. C

16. Select the word which means the same as the group of the words given.

The doctor who treats gums A. periodontist

- B. orthodontist
- C. endodontist
- D. chiropodist

Ans. A

17. Select the word which means the same as the group of the words given.

Study of physiology and anatomy of body

- A. graphology
- B. genetics
- C. somatology

D. gerontology

Ans. C

18. Select the **INCORRECTLY** spelt word.

- A. jumble
- B. jovial
- C. journy
- D. junior

Ans. C

19. In the following question, select the related group of letters from the given alternatives.

AB: I :: BC: ?

- A. X
- B. Z
- C. U
- D. Y

Ans. D

20. In the following question, select the odd number from the given alternatives.

- A. 34-25
- B. 14-17
- C. 32-15
- D. 25-29

Ans. C

21. In a certain code if 'M' denotes ' \div ', 'N' denotes ' \times ', 'O' denotes '+' and 'P' denotes '-', then what will be the value of $3\ N\ 30\ M\ 3\ N\ 5\ M\ 15\ O\ 2\ P\ 16\ O\ 7 = ?$

- A. 1
- B. 2
- C. 3
- D. 4

Ans. C

22. In the following question, select the odd word from the given alternatives.

- A. Square
- B. Rectangle
- C. Cylinder
- D. Triangle

Ans. C

23. In the following question, select the odd number from the given alternatives.

- A. 221
- B. 933

C. 515
D. 423
Ans. D

24. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

$$\frac{2}{\sqrt{5}}, \frac{3}{5}, \frac{4}{5\sqrt{5}}, \frac{5}{25}, ?$$

- A. $\frac{6}{5\sqrt{5}}$
B. $\frac{6}{25\sqrt{5}}$
C. $\frac{6}{125}$
D. $\frac{7}{25}$

Ans. B

25. In the following question, select the missing number from the given alternatives.

12	24	36	48
16	32	48	64
19	38	57	?

- A. 96
B. 76
C. 86
D. 56
Ans. B

26. In the following question, select the related word from the given alternatives.

Brass : Copper :: ? : ?

- A. Chromium : silver
B. Nickel : tin
C. Tin : solder
D. Aluminium : Lead

Ans. C

27. The area of the four walls of a room having length 6 m, breadth 4 m and height 4 m, is:

- A. 50 m²
B. 80 m²
C. 40 m²

D. 60 m²
Ans. B

28. What is the value of $\sin 30^\circ + \cos 30^\circ - \tan 45^\circ$?

- A. $\frac{\sqrt{3}-1}{2}$
B. $\frac{\sqrt{3}+1}{2}$
C. $\frac{\sqrt{2}+1}{\sqrt{2}}$
D. $\frac{1-\sqrt{3}}{2}$

Ans. A

29. In a school, the distribution of teachers is as follows:

Age (years)	20-25	25-30	30-35	35-40	40-45	45-50	50-55
No. of Teachers	2	3	5	2	6	7	5

The total number of teachers of age less than 40 years is:

- A. 18
B. 10
C. 39
D. 12
Ans. D

30. The average of five consecutive odd numbers is "m". If the next three odd numbers are also included, then what is the increase in the average?

- A. 0
B. 8
C. 17
D. 3

Ans. D

31. Ten men or twelve women can finish the same work in 10 days. If 5 men and 2 women undertake the work together, how many days will they take to complete the work?

- A. 20
B. 40
C. 15
D. 60

Ans. C

32. The simple interest on a sum of Rs.50,000 at the end of two years is Rs.4,000. What would be the compound



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interest on the same sum at the same rate for the same period?

- A. Rs. 8,000
- B. Rs. 4,080
- C. Rs. 4,040
- D. Rs. 4,008

Ans. B

33. The value of $\frac{1 - 2 \sin^2 \theta \cos^2 \theta}{\sin^4 \theta + \cos^4 \theta} - 1$ is:

- A. $-2\sin^2\theta\cos^2\theta$
- B. 1
- C. 0
- D. -1

Ans. C

34. Study the given table carefully and answer the question that follows.

Year	2010	2011	2012	2013	2014
Number of students that appeared for an examination	600	750	840	960	1020
Number of students passed	420	510	525	620	810
Number of students passed with distinction	120	165	210	324	450

The percentage of students who have passed with distinction in the year 2012, is:

- A. 20%
- B. 25%
- C. 27%
- D. 22%

Ans. B



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